

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	eigenvector\$1 and waveform\$1.dcm. and periodic.dcm. and frequenc\$4.dcm. and mass\$4.dcm.	US-PGPUB; USPAT	OR	OFF	2011/08/11 02:15
L2	0	eigenvector\$1 and waveform\$1.dcm. and periodic.dcm. and frequenc\$4.dcm. and mass\$4.dcm.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/11 02:15
L3	0	eigen\$1vector\$1 and waveform\$1.dcm. and periodic.dcm. and frequenc\$4.dcm. and mass\$4.dcm.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/11 02:15
L4	3	Asai.in. and Nobuaki and waveform\$1	USPAT	OR	OFF	2011/08/11 02:16
L5	5	Asai.in. and Nobuaki and waveform\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/08/11 02:16
L6	0	Asai.in. and Nobuaki and eigen\$1vector\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/08/11 02:16
S1	1	("20070139750").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/05 11:53
S2	1993	"359"/\$.ccds. and scanner\$1.dcm.	US-PGPUB; USPAT	OR	OFF	2010/03/05 12:15
S3	1432	"359"/\$.ccds. and scanner\$1.dcm.	USPAT	OR	OFF	2010/03/05 12:15
S4	321	"359"/\$.ccds. and (scan\$5.dcm. adj mirror\$1 )	USPAT	OR	OFF	2010/03/05 12:15

S5	146	"359"/\$.ccs. and (scan\$.clm. adj mirror\$1) and oscillat\$4	USPAT	OR	OFF	2010/03/05 12:16
S6	67	"359"/\$.ccs. and (scan\$.clm. adj mirror\$1) and oscillat\$4. clm.	USPAT	OR	OFF	2010/03/05 12:17
S8	195	"359"/\$.ccs. and (scanner\$1.clm. or (scan\$.clm. adj mirror \$1)) and oscillat\$4.clm.	USPAT	OR	OFF	2010/03/05 12:48
S9	7	Asai.in. and Nobuaki and scanner\$1	USPAT	OR	OFF	2010/03/05 13:48
S10	5	("20010036000"   "20030072066"   "5629790"   "5969465"   "7446911").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/05 13:48
S11	3	"19728598"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 13:52
S12	107	FUNK.in. and KARSTEN	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 14:17
S13	33	FUNK.in. and KARSTEN	USPAT	OR	OFF	2010/03/05 14:18
S14	4	("2001055146").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 15:06
S15	2	("20010055146").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 15:06

S16	9	"10119073"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 15:22
S18	1	("20030211930").PN.	US-PGPUB	OR	OFF	2010/03/05 15:24
S20	1	("6975442").PN.	USPAT	OR	OFF	2010/03/05 15:24
S21	2	"9844571"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 15:28
S22	0	(oscillator same triangular same (symetric or asymeric)) and (scanner\$1.clm. or (scanning near mirror\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 17:53
S23	0	(oscillator\$1 same triangular same (symetric or asymeric)) and (scanner\$1.clm. or (scanning near mirror\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 17:53
S24	0	(oscillator\$1 same triangular same (symmetric or asymmetric)) and (scanner\$1.clm. or (scanning near mirror \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 17:54

S25	2	{oscillator\$1 same triangular same (symmetric or asymmetric)) and (scanner\$1 or (scanning near mirror\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 17:54
S26	8	{oscillator\$1 same waveform same (symmetric or asymmetric)) and (scanner\$1 or (scanning near mirror\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 17:56
S27	2	damping and oscilat\$4 and (scanner\$1 or (scanning near mirror\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 18:47
S28	3742	damping and (scanner\$1 or (scanning near mirror\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 18:48
S29	492	damping and (scanner\$1.clm. or (scanning.clm. near mirror\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/05 18:48
S30	295	damping and (scanner\$1.clm. or (scanning.clm. near mirror\$1))	USPAT	OR	OFF	2010/03/05 18:49
S31	4042	"359"/\$.CCLS. AND (MIRROR\$1.CL.M. or micro\$1mirror\$1.clm.) and spring	US-PGPUB; USPAT	OR	OFF	2010/03/05 20:18
S32	2812	"359"/\$.CCLS. AND (MIRROR\$1.CL.M. or micro\$1mirror\$1.clm.) and spring	USPAT	OR	OFF	2010/03/05 20:18
S33	983	"359"/\$.CCLS. AND (MIRROR\$1.CL.M. or micro\$1mirror\$1.clm.) and spring.clm.	USPAT	OR	OFF	2010/03/05 20:19

S34	217	"359"/\$.CCLS. AND (MIRROR\$1.CLM. or micro\$1mirror\$1.clm.) and spring.clm. and scan\$9	USPAT	OR	OFF	2010/03/05 20:19
S35	610	"359"/\$.CCLS. AND MIRROR\$1.CLM. and (spring same mirror \$1) and scan\$9	USPAT	OR	OFF	2010/03/05 20:28
S36	311	"359"/\$.CCLS. AND MIRROR\$1.CLM. and (spring same mirror \$1) and scanner\$1	USPAT	OR	OFF	2010/03/05 20:29
S37	198	"359"/\$.CCLS. AND MIRROR\$1.CLM. and (spring same mirror \$1) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/05 20:29
S38	10	("6618184").URPN.	USPAT	OR	OFF	2010/03/05 21:07
S39	8	("20020071166"   "20020071169"   "20020075554"   "20020097952"   "20020105725"   "6377535"   "6392220"   "6396789").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/05 21:07
S40	84	MIRROR\$1.CLM. and (spring same (mirror\$1 and mass\$4)) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/05 21:09
S43	4	359/290,291,292,295,298,223,224,214,230.CCLS. AND MIRROR\$1.CLM. and (spring same (mirror\$1 and mass\$4)) and (scanning near mirror\$1)	US-PGPUB	OR	OFF	2010/03/06 13:17
S44	9	359/290,291,292,295,298,223,224,214,230.CCLS. AND MIRROR\$1.CLM. and (spring same (mirror\$1 and mass\$4)) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/06 13:17
S45	4	359/290,291,292,295,298,223,224,214,230.CCLS. AND MIRROR\$1.CLM. and (spring\$1 same (mirror\$1 and mass\$4)) and (scanning near mirror\$1)	US-PGPUB	OR	OFF	2010/03/06 13:17
S46	9	359/290,291,292,295,298,223,224,214,230.CCLS. AND MIRROR\$1.CLM. and (spring\$1 same (mirror\$1 and mass\$4)) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/06 13:17
S47	94	359/290,291,292,295,298,223,224,214,230.CCLS. AND MIRROR\$1.CLM. and ((mirror\$1 MASS mass\$4)) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/06 13:18
S48	22	359/290,291,292,295,298,223,224,214,230.CCLS. AND MIRROR\$1.CLM. and ((mirror\$1 SAME mass\$4)) and (scanning near mirror\$1)	USPAT	OR	OFF	2010/03/06 13:18

S49	13	359/290,291,292,295,298,223,224,214,230.CCLS. AND MIRROR\$1.CLIM. and ((mirror\$1 SAME mass\$4)) and (scanning near mirror\$1)	US-PGPUB	OR	OFF	2010/03/06 13:18
S50	1	("5245463").PN.	USPAT	OR	OFF	2010/03/06 13:45
S51	1076237	DE "19728598"	USPAT	OR	OFF	2010/03/15 10:52
S52	8563809	DE "19728598"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/15 10:52
S53	1	DE19728598	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/15 10:52
S54	107	FUNK.in. and KARSTEN	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 09:51
S55	9	FUNK.in. and KARSTEN and Micromechanical and mirror	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 09:52
S56	1	DE19728598	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 09:53

S57	1	("20070139750"), PN.	US-PGPUB	OR	OFF	2010/09/11 14:31
S58	0	de101119073	US-PGPUB; USPAT	OR	OFF	2010/09/11 14:43
S59	1	de101119073	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 14:43
S60	145	GESSNER.in. and THOMAS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 14:43
S61	15	GESSNER.in. and THOMAS and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/11 14:44
S62	4	GESSNER.in. and THOMAS and oscillator\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 15:09
S63	3	geometric\$1 adj waveform.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:10

S64	3	geometric adj waveform.dlm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:10
S65	3	geometric adj waveform\$1.dlm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:10
S66	3	(geometric adj waveform\$1.dlm.) and (geometric adj waveform\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:12
S67	3	(geometric adj wave\$1form\$1.dlm.) and (geometric adj waveform\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:14
S68	3	(geometric adj wave\$1form\$1.dlm.) and (geometric adj wave\$1form\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:14
S69	2	S68 and (non\$1sinusoidal or triangle\$1 or square)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:14

S70	25316	waveform\$1 with (non\$1sinusoidal or triangle\$1 or square)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 18:24
S71	1	("4001658").PN.	USPAT	OR	OFF	2010/11/26 18:39
S76	1	Frenk.in. and Helmut and (non adj sinusoidal) and triangular and sym\$10	US-PGPUB; USPAT	OR	OFF	2010/11/26 19:05
S77	1713	damp\$4 and couple and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US-PGPUB; USPAT	OR	OFF	2010/11/26 19:47
S78	413	(damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US-PGPUB; USPAT	OR	OFF	2010/11/26 19:47
S79	249	(damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	USPAT	OR	OFF	2010/11/26 19:47
S80	30	"73"/\$.ccls. and (damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	USPAT	OR	OFF	2010/11/26 19:48
S81	1	("4001658").URPN.	USPAT	OR	OFF	2010/11/26 19:56
S82	538	(damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 19:57
S83	249	(damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	USPAT	OR	OFF	2010/11/26 19:58
S84	289	(damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US-PGPUB; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/26 20:20
S85	39	73/862.61 and damp\$4	USPAT	OR	OFF	2010/11/26 20:47

S86	800	mechanical adj oscillator\$1	USPAT	OR	OFF	2010/11/26 20:49
S87	265	S86 and damp\$9	USPAT	OR	OFF	2010/11/26 20:50
S88	206	S86 and damp\$9 and mass\$4	USPAT	OR	OFF	2010/11/26 20:50
S89	18	S86 and (damp\$9 with couple\$4)	USPAT	OR	OFF	2010/11/26 20:51
S90	28	S86 and (damp\$9 with coup\$6)	USPAT	OR	OFF	2010/11/26 20:51
S91	249	(damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	USPAT	OR	OFF	2010/11/26 20:52
S93	865	(damp\$4 with coup\$7) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 00:17
S94	87	"73"/\$.cls. and (damp\$4 with coup\$7) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 00:19
S95	464	(damp\$4 with coup\$7) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 00:35
S96	472	(damp\$4 with coup\$7) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 00:35

S97	219	(damp\$4 with coup\$7) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	USPAT	OR	OFF	2010/11/27 00:35
S98	131	(damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	USPAT	OR	OFF	2010/11/27 00:36
S99	452	(damp\$4 same coup\$4) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	USPAT	OR	OFF	2010/11/27 00:59
S100	452	(damp\$4 same coup\$5) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	USPAT	OR	OFF	2010/11/27 00:59
S101	24	"318"/\$.ccls. and (damp\$4 same coup\$5) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular) and mass\$2	USPAT	OR	OFF	2010/11/27 00:59
S102	67	"318"/\$.ccls. and (damp\$4 same coup\$5) and (oscillator\$1 or oscillating) and mass\$2	USPAT	OR	OFF	2010/11/27 01:04
S103	43	S102 not S101	USPAT	OR	OFF	2010/11/27 01:04
S104	289	(damp\$4 with coupled) and (oscillator\$1 or oscillating) and (sinusoidal or (non adj sinusoidal) or triangular)	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 01:12
S105	128	(waveform\$1 with triangle\$1) and (waveform\$1 with (symmetric or asymmetric))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 12:14
S106	84	S105 and (oscillator\$1 or oscillating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 12:14

S107	65	S106 and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 12:15
S112	1	(waveform\$1 with triangular) and (waveform\$1 same asymmetric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 12:22
S114	438	(waveform\$1 with triangular) and asymmetric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 12:42
S115	128	(waveform\$1 with triangular) and (waveform with asymmetric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 12:42
S116	76	(waveform\$1 with triangular) and (waveform with asymmetric)	USPAT	OR	OFF	2010/11/27 12:43
S117	32	(waveform\$1 with triangular) and (waveform with asymmetric) and mass\$3	USPAT	OR	OFF	2010/11/27 12:43
S118	32	(waveform\$1 near3 triangular) and (waveform with asymmetric) and mass\$3	USPAT	OR	OFF	2010/11/27 13:50
S119	29	(waveform\$1 near3 triangular) and (waveform near3 asymmetric) and mass\$3	USPAT	OR	OFF	2010/11/27 13:50
S120	7	(waveform\$1 near3 triangular) and (waveform near3 asymmetric) and mass\$3.clm.	USPAT	OR	OFF	2010/11/27 14:31

S121	13	geometric\$1 adj waveform	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 14:58
S122	0	("2007/0139750").URPN.	USPAT	OR	OFF	2010/11/27 15:03
S123	0	(waveform\$1 near3 triangular) and (waveform near3 (non adj symmetric) and mass\$3.clm.	USPAT	OR	OFF	2010/11/27 15:04
S124	0	(waveform\$1 with triangular) and (waveform with (non adj symmetric) and mass\$3.clm.	USPAT	OR	OFF	2010/11/27 15:05
S125	1	(waveform\$1 with triangular) and (waveform with (non adj symmetric) and mass\$3	USPAT	OR	OFF	2010/11/27 15:05
S126	0	("2007/0139750").URPN.	USPAT	OR	OFF	2010/11/27 15:05
S127	32	(waveform\$1 with triangular) and (waveform with asymmetric) and mass\$3	USPAT	OR	OFF	2010/11/27 15:08
S128	7	(waveform\$1 with triangular) and (waveform with asymmetric) and mass\$3 and oscillator	USPAT	OR	OFF	2010/11/27 15:08
S129	9	(waveform\$1 with triangular) and (waveform with asymmetric) and mass\$3 and oscillator\$2	USPAT	OR	OFF	2010/11/27 15:08
S130	8	(waveform\$1 with triangular) and (waveform with symmetric) and mass\$3 and oscillator\$2	USPAT	OR	OFF	2010/11/27 15:33
S131	1483	scan\$9 and (oscillat\$5) and waveform and asymmetric	US-PGPUB; USPAT	OR	OFF	2010/11/27 15:55
S132	1483	scan\$9 and (oscillat\$5) and (waveform and asymmetric)	US-PGPUB; USPAT	OR	OFF	2010/11/27 15:55
S133	250	scan\$9 and (oscillat\$5) and (waveform with asymmetric)	US-PGPUB; USPAT	OR	OFF	2010/11/27 15:55
S134	128	scan\$9 and oscillat\$5 and (waveform with asymmetric)	USPAT	OR	OFF	2010/11/27 15:55
S135	20	scan\$9 and oscillat\$5 and (waveform with asymmetric) and triangular	USPAT	OR	OFF	2010/11/27 15:56

S136	1666	asymmetric with wave\$1form\$1	US-PGPUB; USPAT	OR	OFF	2010/11/27 16:17
S137	439	oscillator\$1 and (asymmetric with wave\$1form\$1)	US-PGPUB; USPAT	OR	OFF	2010/11/27 16:17
S138	139	oscillator\$1 and (asymmetric with wave\$1form\$1) and mass \$4	US-PGPUB; USPAT	OR	OFF	2010/11/27 16:18
S139	75	oscillator\$1 and (asymmetric with wave\$1form\$1) and mass \$4	USPAT	OR	OFF	2010/11/27 16:18
S140	17	oscillator\$1 and (asymmetric with wave\$1form\$1) and scanner \$1	USPAT	OR	OFF	2010/11/27 16:19
S141	52	oscillator\$1 and (asymmetric with wave\$1form\$1) and scanning	USPAT	OR	OFF	2010/11/27 16:19
S142	34	oscillator\$1 and (asymmetric with wave\$1form\$1) and scan	USPAT	OR	OFF	2010/11/27 16:19
S143	19	("20010022566"   "20030011751"   "20040080718"   "20050232533"   "20060018609"   "20060279663"   "20060279664"   "20080198471"   "5045983"   "5767924"   "5802222"   "5848211"   "5920361"   "6218679"   "6295154"   "6480325"   "6501530"   "6590606"   "6736517").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/27 16:21
S144	128	(waveform\$1 with triangle\$1) and (waveform\$1 with symmetric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/27 17:07
S145	218	eigenvector\$1 and waveform\$1 and oscillator\$1	US-PGPUB; USPAT	OR	OFF	2011/08/10 15:34
S146	218	eigenvector\$1 and waveform\$1 and oscillator\$1	US-PGPUB; USPAT	OR	ON	2011/08/10 15:34
S147	597	eigenvector\$1 and oscillator\$1	US-PGPUB; USPAT	OR	ON	2011/08/10 16:21
S148	209	"359"/\$.cols. and (scanner\$1.clm. or (scan\$5.clm. adj mirror \$1)) and oscilatt\$4.clm.	USPAT	OR	OFF	2011/08/10 16:21
S149	1	S147 and S148	USPAT	OR	OFF	2011/08/10 16:21

S150	1	S147 and S148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/08/10 16:21
S151	306	"359"/\$.ccls. and (scanner\$1.clm. or (scan\$5.clm. adj mirror \$1)) and oscillat\$4.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/08/10 17:53
S152	2	S147 and S151	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/08/10 17:53
S153	1	geometric\$1waveform\$1 and oscillator\$1 and eigenvector\$1 and eigenvalue\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/10 17:55
S154	0	359/290 and waveform\$1 and oscillator\$1 and eigenvector\$1 and eigenvalue\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:41
S155	0	359/29 and waveform\$1 and oscillator\$1 and eigenvector\$1 and eigenvalue\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:41

S156	0	359/291 and waveform\$1 and oscillator\$1 and eigenvector\$1 and eigenvalue\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:41
S157	0	359/292 and waveform\$1 and oscillator\$1 and eigenvector\$1 and eigenvalue\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:41
S158	0	359/295 and waveform\$1 and oscillator\$1 and eigenvector\$1 and eigenvalue\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:41
S159	0	359/298 and waveform\$1 and oscillator\$1 and eigenvector\$1 and eigenvalue\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:41
S160	1	359/223 and waveform\$1 and oscillator\$1 and eigenvector\$1 and eigenvalue\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:41
S161	0	359/224 and waveform\$1 and oscillator\$1 and eigenvector\$1 and eigenvalue\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:42

S162	0	359/214 and waveform\$1 and oscillator\$1 and eigenvector\$1 and eigenvalue\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:42
S163	0	359/230 and waveform\$1 and oscillator\$1 and eigenvector\$1 and eigenvalue\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:42
S164	0	359/230 and waveform\$1 and oscillator\$1 and eigenvector\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:42
S165	1	"359"/\$.cds. and waveform\$1 and oscillator\$1 and eigenvector\$1 and frequency and mass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/11 00:43

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	0	eigen\$1vector\$1 and waveform\$1.clm. and periodic.clm. and frequenc\$4.clm. and mass\$4.clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/08/11 02:16
L8	0	eigenvector\$1 and waveform\$1.clm. and periodic.clm. and frequenc\$4.clm. and mass\$4.clm.	USPAT; UPAD	OR	OFF	2011/08/11 02:17

8/11/11 2:17:32 AM

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